

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (Currently Amended): A laminate packaging flat cell, comprising:
a laminate film formed by combining polymer and metal with each other;
a power generating element formed of a plurality of electrode plates and separators, and
hermetically sealed by the laminate film; and
an electrode terminal lead coupled to the electrode plate,
wherein the power generating element is hermetically sealed by forming a thermally
welded portion on an outer periphery of the laminate film, and
wherein the electrode terminal lead protrudes from the thermally welded portion in a protruding
direction, a plurality of through-holes are provided in the electrode terminal lead in a position thereof
contacting the thermally welded portion, the through-holes form first and second rows along a widthwise
direction of the electrode terminal lead that is substantially perpendicular to the protruding direction, and
the through-holes in the first row are arranged to offset to the through-holes in the second row without a
gap in the widthwise direction when viewed along the protruding direction.

2 (Canceled)

3 (Currently Amended): A laminate packaging flat cell according to claim 1,
wherein a ratio of a cross-sectional area of the through-holes to a cross-sectional area of the
electrode terminal lead along the widthwise direction ranges from 20 to 50%.

4 (Original): A laminate packaging flat cell according to claim 1,

wherein an adhesive layer is provided on at least one surface of the electrode terminal lead.

5 (Currently Amended): A laminate packaging flat cell according to claim 1, comprising:
~~a laminate film formed by combining polymer and metal with each other;~~

~~a power generating element formed of a plurality of electrode plates and separators, and hermetically sealed by the laminate film; and~~

~~an electrode terminal lead coupled to the electrode plate,~~

~~wherein the power generating element is hermetically sealed by forming a thermally welded portion on an outer periphery of the laminate film, and~~

~~wherein the electrode terminal lead protrudes from the thermally welded portion, and a through-hole is provided in the electrode terminal lead in a position thereof contacting the thermally welded portion, wherein an end of the laminate film joined to the electrode terminal lead is folded on itself.~~

6-8 (Canceled)

9 (Currently Amended): A method for manufacturing a laminate packaging flat cell, comprising:

preparing a laminate film formed by combining polymer and metal with each other; a power generating element formed of a plurality of electrode plates and separators, and hermetically sealed in the laminate film by forming a thermally welded portion on an outer periphery of the laminate film; and an electrode terminal lead coupled to the electrode plate protruding from the thermally welded portion in a protruding portion, and having a plurality of through-holes provided in the electrode terminal lead in a contact portion with the thermally welded portion, the through-holes form first and second rows along a widthwise direction of the electrode terminal lead that is substantially perpendicular to the protruding direction, and the through-holes in the first row are arranged to offset to the through-holes in the second row without a gap in the widthwise direction when viewed along the protruding direction;

attaching an adhesive layer onto the contact portion of at least one surface of the electrode terminal lead; and

forming the thermally welded portion by thermally welding the laminate film while interposing the adhesive layer therebetween, and hermetically sealing the power generating element.

10 (Currently Amended): A laminate packaging flat cell, comprising:
a laminate film formed by combining polymer and metal with each other;
a power generating element formed of a plurality of electrode plates and separators, and hermetically sealed by the laminate film; and
an electrode terminal lead coupled to the electrode plate,
wherein the power generating element is hermetically sealed by forming a thermally welded portion on an outer periphery of the laminate film, and
wherein the electrode terminal lead protrudes from the thermally welded portion in a protruding direction, a plurality of through-holes are provided in the electrode terminal lead in a position thereof contacting the thermally welded portion, and the through-holes being arranged to prevent leakage of electrolyte linearly along the protruding direction through a location of the thermally welded portion of the laminate film where the terminal electrode lead protrudes.

11 (Currently Amended): A laminate packaging flat cell according to claim 1,
comprising:
~~a laminate film formed by combining polymer and metal with each other;~~
~~a power generating element formed of a plurality of electrode plates and separators, and~~
~~hermetically sealed by the laminate film; and~~
~~an electrode terminal lead coupled to the electrode plate;~~

~~wherein the power generating element is hermetically sealed by forming a thermally welded portion on an outer periphery of the laminate film, and~~

~~wherein the electrode terminal lead protrudes from the thermally welded portion in a protruding direction and a through hole is provided in the electrode terminal lead in a position thereof contacting the thermally welded portion, wherein the through hole is through-holes are elongated along a widthwise direction of the electrode terminal lead that is substantially perpendicular to the protruding direction.~~

12 (Previously Presented): A laminate packaging flat cell according to claim 11, wherein the electrode terminal lead further comprises a plurality of through holes.

13 (Previously Presented): A laminate packaging flat cell according to claim 11, wherein said through holes are arcuately-shaped.